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CLAIMS

1. Method for downloading a digital file, by a user, from
a content server to a mobile terminal via a mobile
5   telecommunication network, including the following steps:
-       connection of the mobile terminal to the server via
        the network;
-       downloading of the file from the server to the
        terminal in encrypted form in a background task;
10 -   presentation of the file to the user at the end of
        the downloading operation;
characterised in that:
-       it also comprises, before the connection step, a
        step of verifying that the current time falls within
15   a predetermined time slot;
-       it implements mechanisms for managing download
        interruptions, which mechanisms enable partial
        versions of the file to be saved on the terminal and,
        subsequently, only the missing portion of the file
20   to be downloaded in the event of an interruption;
-       it monitors the bandwidth in real time and, as
        necessary, causes the downloading to be temporarily
        suspended;
-       the acceptance of the content by the user after
25   presentation of the file after downloading triggers:
        -       the sending of an acceptance data item from the
                terminal to the server;
        -       the sending in return, from the server to the
                terminal, of a decryption data item enabling
30   the terminal to decipher and read the
                downloaded file.

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2. Method for downloading a digital file from a content server to a mobile terminal according to claim 1, characterised in that the predetermined time slot corresponds to low general traffic on the network.

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3. Method for downloading a digital file from a content server to a mobile terminal according to claim 1, characterised in that the predetermined time slot corresponds to low data traffic on the network.

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4. Method for downloading a digital file from a content server to a mobile terminal according to claim 1, 2 or 3, characterised in that the acceptance of the content by the user after presentation of the file following

15   downloading also triggers the billing for the download by the server.

5. Method for downloading a digital file from a content server to a mobile terminal according to any one of

20   claims 1 to 4, characterised in that the mobile telecommunication network is second or third generation (GPRS, EDGE, UMTS, CDMA...).

6. Method for downloading a digital file from a content

25   server to a mobile terminal according to any one of claims 1 to 5, characterised in that the mobile terminal is a mobile telephone.

7. Method for downloading a digital file from a content

30   server to a mobile terminal according to any one of claims 1 to 5, characterised in that the mobile terminal is a personal digital assistant (PDA).

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8. Method for downloading a digital file from a content
server to a mobile terminal according to any one of the
previous claims, characterised in that the updating of
5   the predetermined time slots on the terminal is carried
out by means of a connection to the server.

9. Method for downloading a digital file from a content
server to a mobile terminal according to any one of the
10 previous claims, characterised in that a download
suspension is triggered if the bandwidth goes below a
predetermined threshold.

10. Method for downloading a digital file from a content
15 server to a mobile terminal according to any one of the
previous claims, characterised in that an attempt to
restart the downloading operation is triggered after a
predetermined time T has passed from the time t0 at which
the temporary download suspension was triggered.
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11. System for implementing the method according to any
one of the previous claims including at least one content
server and a mobile terminal mutually connected via a
mobile telecommunication network.